Figure 1

Query = C54D2.5 CE02562 CALCIUM CHANNEL ALPHA-1 SUBUNIT LG:6
Database: Non-redundant Database of GenBank EST Division
          824,500 sequences; 302,742,428 total letters.

H55225 CHR220164 Homo sapiens genomic clone C22_207 5'.
          Length = 168

  Plus Strand HSPs:

Score = 136 (63.8 bits), Expect = 2.5e-10, P = 2.5e-10
Identities = 23/31 (74%), Positives = 29/31 (93%), Frame = +1


```
Query:    440 VISLEGWTDIMYYVQDAHSFWNWIYFVLLIV 470
              VI LEGW  IMYYV DAHSF N IYF  LLI
Sbjct:      1 VITLEGWVEIMYYVMDAHSFYNFIYFILLII 93
```


H55617 CHR220556 Homo sapiens genomic clone C22_757 5'.
          Length = 98
Plus Strand HSPs:

Score = 102 (47.9 bits), Expect = 2.8e-05, P = 2.8e-05
Identities = 19/23 (82%), Positives = 23/23 (100%), Frame = +2


```
Query:    243 NINLTAIRTVRVLRPLRAVNRIP 265
              NINL AIRTVRVLRPL A NR P
Sbjct:     29 NINLSAIRTVRVLRPLKAINRVP 97
```


H55223 CHR220162 Homo sapiens genomic clone C22_204 5'.
          Length = 94
Plus Strand HSPs:

Score = 87 (40.8 bits), Expect = 0.0039, P = 0.0039
Identities = 14/19 (73%), Positives = 18/19 (94%), Frame = +2


```
Query:    154 MAVIMINCVTLGMYRPCED 172
              M VI  NCVTLGMY PC D
Sbjct:      2 MLVILLNCVTLGMYQPCDD 58
```


FIG. 1 CONT'D

H55544 CHR220483 Homo sapiens genomic clone C22_651 5'.
    Length = 123
Plus Strand HSPs:

Score = 65 (30.5 bits), Expect = 3.8, P = 0.98
Identities = 12/23 (52%), Positives = 18/23 (78%), Frame = +1

```
Query:     246 LTAIRTVRVLRPLRAVNRIPSMR 268
                   RT R LRPLRA  R    MR
Sbjct:      55 IKSLRTLRALRPLRALSRFEGMR 123
```

F07776| HSC2HD061 H. sapiens partial cDNA sequence; clone c-2hd06
    Length = 343
Plus Strand HSPs:

Score = 100 (46.9 bits), Expect = 0.00057, P = 0.00057
Identities = 21/41 (51%), Positives = 31/41 (75%), Frame = +3

```
Query:    1480 PTIIRVMRVLRIARVLKLLKMAKGIRSLLDTVGEALPQVGN 1520
                   PT+ RV+R+ RI R+L+L+K AKGIR+LL  +   +LP + N
Sbjct:      57 PTLXRVIRLARIGRILRLIKGAKGIRTLLFALMMSLPALFN 179
```